BUILDING INSPECTION TECHNOLOGY

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pcc.edu/programs/building-inspection/

CAREER AND PROGRAM DESCRIPTION

PCC's Building Inspection Technology program provides a diverse set of skills, enabling students to begin a career working in governmental jurisdictions or private industry, in a Building Inspector or Plans Examiner position. The two-year degree in Building Inspections Technology prepares students for certification and work in building inspections and plan review, for both residential and commercial buildings of all types and sizes. The Certificate in Residential Plans Examination trains students for certification and work in residential inspection and plan review only, ideally for someone with some construction background and experience who seeks a faster option than the full, two-year degree but who wishes to work in a limited capacity within a jurisdiction. (Please note the Certificate does not provide training as a private home inspector, who is typically involved as part of a real estate transaction and inspects dwellings for defects prior to a sale).

The Building Inspection Technology (INSP) program is delivered by experts currently working in the field of building code administration, building inspection, and plan review. Students develop and apply basic understanding of concepts, theories, and principles of building codes and construction with both a residential and commercial focus. A broad curriculum including:

- construction materials and processes
- print reading
- building systems
- building structures
- residential and commercial building codes
- residential and commercial plans review and inspection

in addition to courses in:

- interpersonal communication
- computers
- mathematics
- job finding skills

Also, cooperative work experience (CWE internship) at a local city or county building department additionally prepares students for a career in building inspection and/or plan review. Graduates may find employment in public and private code enforcement agencies, construction firms, engineering or architectural firms, and other related industries.

PCC is one of two colleges in Oregon to offer a career and technical training program in Building Inspections Technology, in a full or part - time format. All INSP classes are offered in the evening, in remote format and a few courses are offered in an online format. There is currently no totally online only option. For more information or availability of individual courses please contact the department advisor, at 971.722.7516. Students who have plans to transfer to a college or university to obtain a bachelor's degree should check with the specific institution for transferability since not all courses may be transferable.

DEGREES AND CERTIFICATES OFFERED

ASSOCIATE OF APPLIED SCIENCE DEGREE

Building Inspection Technology

LESS THAN ONE-YEAR: CAREER PATHWAY CERTIFICATE

Residential Plans Examination

Academic Prerequisites

- None

Academic Requirements

- All ARCH and INSP courses must be completed with a letter grade of "C" or better.

Non-Academic Prerequisites

- None

Non-Academic Requirements

- None

BUILDING INSPECTION TECHNOLOGY AAS DEGREE

Minimum 91 credits. Students must also meet Associate Degree Comprehensive Requirements and Associate of Applied Science Requirements. Students must complete a total of four courses of General Education. Some courses specified within the program may be used as General Education. In addition to required courses in the program of study, students must satisfy MTH 58/65 competency. Students should consult with program advisors for course planning.

Building Inspection Technology Courses

Code	Title	Credits
ARCH 121	Structural Systems I	2
ARCH 122	Structural Systems 2	3
ARCH 123	Structural Systems 3	3
ARCH 124	Introduction to Building Systems	3
ARCH 132	Residential Building Codes	2
ARCH 134	Energy Conservation Code	2
ARCH 161	Residential Print Reading	2
ARCH 162	Commercial Print Reading	2
CG 209	Job Finding Skills	1
COMM 140	Introduction to Intercultural Communication *,Z	4
or COMM 100	Introduction to Communication (COMM100=COMM100Z)	
INSP 126	Plan Review Software	2
INSP 151	International Residential Code Structural 1	4
INSP 152	International Residential Code Mechanical	2
INSP 201	Plans Examination-Commercial	4
INSP 203	International Building Code Fire and Life Safety	3
INSP 251	International Building Code I	4
INSP 252	International Building Code II	3
INSP 253	International Building Code III	3
INSP 255	International Mechanical Code I	4
INSP 256	International Mechanical Code II	4
INSP 280	CE: Field Experience Inspection	10
COMM/MSD Electives		6
INSP/ARCH Electives		9
General Education: 3 courses		
Total Credits		91

* Could be used for general education.

BUILDING INSPECTION TECHNOLOGY

Z This course is part of Oregon Common Course Numbering. COMM 100 and COMM 100Z are equivalent.

BUILDING INSPECTION/ARCHITECTURE ELECTIVES

Code	Title	Credits
ARCH 131	Sustainable Building Strategies	4
ARCH 133	Commercial Building Codes	2
ARCH 224	Active and Passive Building Systems	4
BCT 100	Overview to the Construction Industry	3
BCT 130	Construction Safety	3
INSP 202	Plans Examination-Residential	4

COMMUNICATION/MSD ELECTIVES

Code	Title	Credits
COMM 130	Business & Professional Communication	4
COMM 237	Gender and Communication	4
MSD 105	Workplace Communication Skills	3
MSD 117	Customer Relations	3
MSD 128	Crisis Intervention: Handling the Difficult Person	1
MSD 150	Listening Skills	1
MSD 151	Working with Difficult People	1
MSD 157	Constructive Conflict Skills	1
MSD 161		1

RESIDENTIAL PLANS EXAMINATION CAREER PATHWAY CERTIFICATE

Minimum 42 credits. Students must meet all certificate requirements. The Residential Plans Examination certificate is a career pathway. All courses are contained in the Building Inspection Technology AAS Degree. A maximum of 10 Pass/No Pass credits are allowed in the Residential Plans Examination Career Pathway Certificate.

Residential Plans Examination Courses

Code	Title	Credits
ARCH 121	Structural Systems I	2
ARCH 122	Structural Systems 2	3
ARCH 123	Structural Systems 3	3
ARCH 124	Introduction to Building Systems	3
ARCH 132	Residential Building Codes	2
ARCH 161	Residential Print Reading	2
CG 209	Job Finding Skills	1
COMM 140	Introduction to Intercultural Communication	4
or COMM 100Z	Introduction to Communication [Z]	
INSP 151	International Residential Code Structural 1	4
INSP 152	International Residential Code Mechanical	2
INSP 202	Plans Examination-Residential	4
INSP 280	CE: Field Experience Inspection	10
COMM/MSD Electives		2
Total Credits		42

Z This course is part of Oregon Common Course Numbering. The following courses are equivalent:

COMM 100 and COMM 100Z

COMMUNICATION/MSD ELECTIVES

Code	Title	Credits
COMM 130	Business & Professional Communication	4
COMM 237	Gender and Communication	4
MSD 105	Workplace Communication Skills	3
MSD 117	Customer Relations	3
MSD 128	Crisis Intervention: Handling the Difficult Person	1
MSD 150	Listening Skills	1
MSD 151	Working with Difficult People	1
MSD 157	Constructive Conflict Skills	1
MSD 161		1